

ABSTRACT OF THE DISCLOSURE

An apparatus for dilution of discharged fuel of a fuel cell is provided, which has an inlet for guiding purged hydrogen gas coming from the fuel cell, a
5 reservoir for storing the purged hydrogen gas guided through the inlet, and a cathode exhaust gas pipe penetrating the reservoir. The cathode exhaust gas pipe has a feature that it has holes inside the reservoir and is supplied with cathode exhaust gas of the fuel cell. Also the apparatus has a feature that the cathode exhaust gas pipe sucks the purged hydrogen gas stored in the
10 reservoir through the holes and discharges the purged hydrogen gas diluted by mixing with the cathode exhaust gas.